

Name _____

Earl's Gas Station
342 Elm Street
Springfield, IL 62701
(217) 555-9876

Receipt Number: 987654321
Date: July 5, 2024

Items Purchased:

Gasoline:

13.36 gallons @ \$3.50/gallon: \$46.76

Food Items:

Spicy Jalapeno Hot Dog: \$2.50
Crunchy Nacho Chips: \$1.75
Creamy Chocolate Brownie: \$2.00

Drinks:

Fizzy Raspberry Lemonade: \$1.50
Ice-cold Mango Slush: \$2.25

Subtotal: \$56.76

Taxes (6.25%): \$3.55

Total Amount Due: \$60.31

1. How much was spent solely on food items?

2. What was the average price per gallon of gasoline?

3. If the sales tax rate were to increase to 7%, how much would the total amount due change?

4. What combination of food items and drinks would amount to the highest total price?

5. How much would the total amount due be if the customer bought an additional 5 gallons of gasoline?

